

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Edward Alton Harbin
Serial No.: 09/849,003
Filing Date: May 4, 2001
Title: UNIQUE ADDRESS SPACE AND METHOD FOR A
TRANSPORT NETWORK

Honorable Assistant Commissioner
for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

EL 501000252US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

Willie Tiles

Name

November 28, 2001

Date of Signature

Express Mail No. EL 501000252 US

INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. A copy of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Enclosed are copies of two PCT International Search Reports and one PCT Invitation to Pay Additional Fees identifying the references contained in this Information Disclosure Statement. The PCT International Search Reports

RECEIVED**DEC 02 2004**

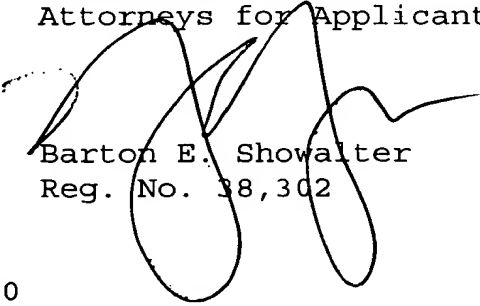
Technology Center 2100

have mailing dates of October 31, 2001 and November 6, 2001, respectively and the PCT Invitation to Pay Additional Fees has a mailing date of November 7, 2001. Therefore, I hereby certify that the references contained in this Information Disclosure Statement were cited for the first time communications from a foreign patent office in related foreign applications not more than three months prior to the filing of this Information Disclosure Statement. Furthermore, in the event a patent term adjustment is requested, pursuant to the requirements of 37 C.F.R. § 1.704, Applicants submit that the references contained in this Information Disclosure Statement were received from a foreign patent office in related foreign applications not more than thirty (30) days prior to the filing of this Information Disclosure Statement.

Pursuant to 37 C.F.R. § 1.97(c), Applicant believes that this Information Disclosure Statement has been filed before the mailing date of a final action or notice of allowance. Therefore, Applicant believes that no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

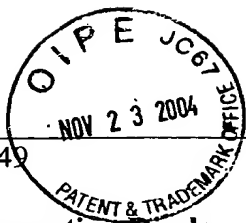
BAKER BOTTS L.L.P.
Attorneys for Applicants



Barton E. Showalter
Reg. No. 38,302

2001 Ross Avenue
Dallas, Texas 75201-2980
(214) 953-6509

Date: 11/28/01



PTO-1449

**Information Disclosure Citation
In an Application**

Application No.

09/849,003

Applicant(s)

Harbin

Docket Number

064731.0170

Group Art Unit

Filing Date

May 4, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,231,633	07/27/93	Hluchyj et al.	370	94.1	07/11/90
	B	5,825,772	10/20/98	Dobbins et al.	370	396	04/02/96
	B	5,850,399	12/15/98	Ganmukhi et al.	370	412	03/27/98
	C	5,852,606	12/22/98	Prince et al.	370	393	09/29/95
	E	5,946,308	08/31/99	Dobbins et al.	370	392	10/30/97
	F	5,956,341	09/21/99	Galand et al.	370	412	08/07/97
	G	6,018,766	01/25/2000	Samuel et al.	709	218	07/18/97
	H	6,028,842	02/22/2000	Chapman et al.	370	235	12/23/96
	I						
	J						
	K						
	L						

RECEIVED**DEC 02 2004****Technology Center 2100****FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M	EP 0 849 970 A2	06/24/98	EPO	H04Q11/04	H04L29/06	X	
	N	WO 99/66675	12/23/99	PCT	H04L12/46	H04Q11/04	X	
	O	WO 99/11090	03/04/99	PCT	H04Q 11/04		X	
	P	EP 0 959 641 A1	11/24/99	EPO	H04Q 11/04		X	
	Q							

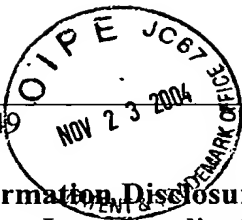
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	International Search Report in International Application No. PCT/US 01/13723, dated October 31, 2001, 7 pages.	10/31/2001
	S	International Search Report in International Application No. PCT/US 01/13725, dated October 31, 2001, 6 pages.	10/31/2001
	T	International Search Report in International Application No. PCT/US 01/14624, dated November 6, 2001, 6 pages.	11/11/2001

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE



PTO-1449 Information Disclosure Citation In an Application	Application No. 09/849,003	Applicant(s) Harbin	
	Docket Number 064731.0170	Group Art Unit	Filing Date May 4, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
	L						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M							
	N							
	O							
	P							
	Q							

RECEIVED

DEC 02 2004

Technology Center 2100

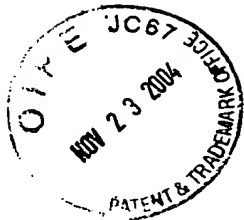
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	PCT Invitation to Pay Additional Fees in International Application No. PCT/US 01/13732, dated November 7, 2001, 4 pages.	11/07/2001
	S	Tsong, Ho Wu, "A Passive Protected Self-Healing Mesh Network Architecture and Applications," XP 000446089, <i>IEEE/ACM Transactions on Networking</i> , February, 1994, 13 pages.	02/1994
	T		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE



The "Received" stamp of the Patent and Trademark Office imprinted hereon acknowledges the filing of:

Total Pages		Total Pages	
<input type="checkbox"/> New Appn.; C.P.A.; Con.; CIP.; Div.; Provisional; Converted Provisional (Specification, Claims, Abstract)	_____	<input type="checkbox"/> ___ Mo. Extension of Time	_____
<input type="checkbox"/> Bibliographic Data Sheet	_____	<input type="checkbox"/> Notice of Appeal	_____
<input type="checkbox"/> Declaration/power of Attorney	_____	<input type="checkbox"/> Appeal Brief	_____
<input type="checkbox"/> Assignment	_____	<input type="checkbox"/> Issue Fee Transmittal	_____
<input type="checkbox"/> Verified Statement	_____	<input type="checkbox"/> Check No. _____ Amt.: _____	
<input type="checkbox"/> Formal Drawing	_____	<input type="checkbox"/> Check No. _____ Amt.: _____	
<input type="checkbox"/> Informal Drawings	_____	<input checked="" type="checkbox"/> Serial No. <u>09/849,003</u>	
<input type="checkbox"/> Amendment/Response	_____	<input checked="" type="checkbox"/> Other <u>IDS with references</u>	

Name of Inventor(s): Edward A. Harbin

Title of Invention: Unique Address Space + Method For a Transport Network

Client or Applicant: Fujitsu **BB File No.:** 064731-0170

Mailed: 3-26-02 **Certificate of Mailing** ☒
Express Mail ☒
Due: **Receipt No.:** EL953669423
Atty/Secy: BES/JC/MJS **Certificate Of Mailing** US
First Class Mail ☐
Hand Delivered ☐

Receipt Date & Serial No:

OIP E JC67 3312 MAR 13 2002 PATENT & TRADEMARK OFFICE

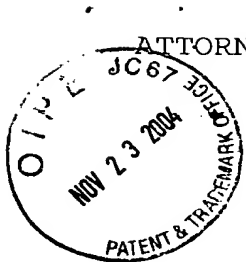
RECEIVED

DEC 02 2004

Technology Center 2100

RECEIVED

APR 08 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Edward Alton Harbin
Serial No.: 09/849,003
Filing Date: May 4, 2001
Group Art Unit: Unknown
Title: UNIQUE ADDRESS SPACE AND METHOD
FOR A TRANSPORT NETWORK

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Willie Tyles

Name

EL 953669423 US

Express Mail No.

3-26-02

Date of Signature

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the reference listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

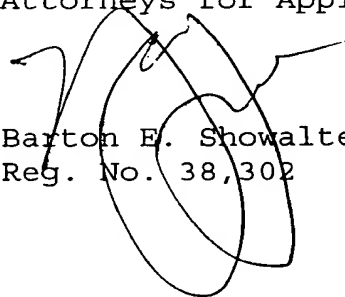
Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that this Information Disclosure Statement has been filed before the mailing date of a first action. Therefore, Applicants



2

believe that no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants



Barton E. Showalter
Reg. No. 38,302

2001 Ross Avenue
Dallas, Texas 75201-2980
(214) 953-6509

Date: March 26, 2002

CORRESPONDENCE ADDRESS:

Baker Botts L.L.P.
2001 Ross Avenue, Suite 600
Dallas, TX 75201-2980

EL953669423US

RECEIVED
DEC 02 2004
Technology Center 2100

PTO-1449	Information Disclosure Citation In an Application	Application No. 09/849,003	Applicant(s) Harbin	
		Docket Number 064731.0170	Group Art Unit	Filing Date May 4, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,461,624	10/24/95	Mazzola	370	85.13	08/11/94
	B	5,229,990	07/20/93	Teraslinna	370	60	10/03/90
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
	L						

RECEIVED

DEC 02 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M	WO 00/24164	04/27/00	PCT	H04L 12/56		X	
	N	WO 97/40610	10/30/97	PCT	H04L 29/06		X	
	O	WO 00/21254	04/13/00	PCT	H04L 12/56		X	
	P							
	Q							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	PCT International Search Report No. PCT/US01/13724, dated November 30, 2001, 6 pages.	11/30/00
	S	Birman A et al.: "Support for RSVP-Based Services Over ATM Networks," Communications: The Key to Global Prosperity. Globecom 1996. Global Internet 96 Conference Record. London, Nov. 18-22, 1996, Global Telecommunications Conference (Globecom, New York, IEEE, US, vol. SUPP, 18, Nov. 1996 pages 10-15, XP000741665 ISBN: 0-7803-3337-3	11/18/96
	T	Sharma et al.: "Scalable timers for soft state protocols," Infocom '97. Sixteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Driving the Information Revolution., Proceedings IEEE Kobe, Japan 7-11 April 1997, Los Alamitos, CA USA, IEEE Compu. Soc, US 7 April 1997, pgs. 222-229, XP010252006, ISBN: 0-8186-7780-5	04/07/97
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449	Information Disclosure Citation In an Application	Application No. 09/849,003	Applicant(s) Harbin
		Docket Number 064731.0170	Group Art Unit Filing Date May 4, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
	L						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M							
	N							
	O							
	P							
	Q							

RECEIVED

DEC 02 2004

Technology Center 2100

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	International Search Report in International Application. No. PCT/US01/14626, dated Feb. 5 2002, 7 pages.	02/05/02
	S	International Search Report in International Application No. PCT/US01/14622, dated February 14, 2002, 7 pages.	
	T	Pancha P: "ATM Switch Routers for Combined Connection-Oriented and Connectionless Transport," ISS '97. World Telecommunications Congress. (Int'l Switching Symposium). Global Network Evolution: Convergence or Collision? Toronto, Sept. 21-26, 1997, ISS. World Telecommunications Congress. (International Switching Symposium)	09/21-26/97

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE



PTO-1449	Application No. 09/849,003	Applicant(s) Harbin
	Docket Number 064731.0170	Filing Date May 4, 2001

**Information Disclosure Citation
In an Application****U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
M							
N							
O							
P							
Q							

RECEIVED**DEC 02 2004**

Technology Center 2100

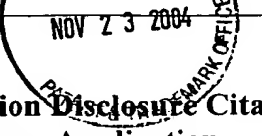
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
R	Mysore J. P. et al.: "Performance of transport protocols over a multicasting-based architecture for Internet host mobility" Communications, 1998. ICC 98. Conference Record. 1998 IEEE International Conference on Atlanta, GA, USA 7-11 June 1998, New York, NY USA, IEEE, US, 7 June 1998, pages 1817-1823, XP010284635, ISBN: 0-7803-4788-9	06/7-11/98
S	Bar-Noy A. et al.: "Topology Distribution Cost Vs. Efficient Routing in Large Networks," Computer Communications Review, Association for Computing Machinery, New York, US, vol. 20, no. 4, Sept. 1, 1990, pages 242-252, XP000168058; ISSN: 0146-4833, whole document.	09/01/90
T	International Search Report in International Application No. PCT/US01/13694, dated Mar. 12, 2002, 7 pgs.	03/12/02

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449		Application No. 09/849,003	Applicant(s) Harbin
		Docket Number 064731.0170	Filing Date May 4, 2001

**Information Disclosure Citation
In an Application**

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						
	L						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M							
	N							
	O							
	P							
	Q							

RECEIVED

DEC 02 2004

Technology Center 2100

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	R	Fritz J: "Bullet Proofing ATM: Part I," Byte, McGraw-Hill Inc. St. Peterborough, US, vol. 22, no. 6, 1 June 1997, pages 59-60, XP000691556, ISSN: 0360-5280, page 60.	06/01/97
	S	Sun H. et al.: "Supporting IP on the ATM networks: an overview," Computer Communications, Elsevier Science Publishers BV, Amsterdam, NL, vol. 21, no. 11, 10 August 1998, pages 1020-1029, XP004138773, ISSN: 0140-3664, whole document.	08/10/98
	T		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE